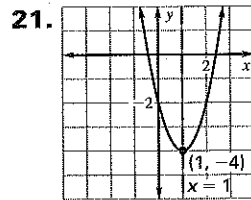
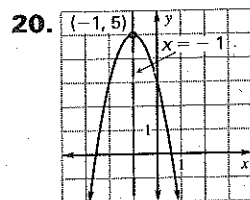
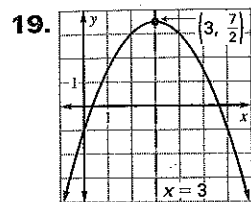
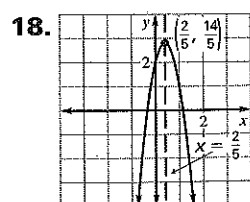


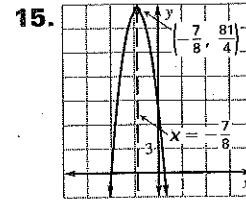
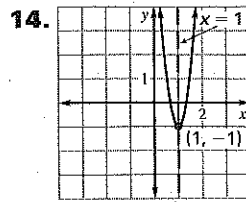
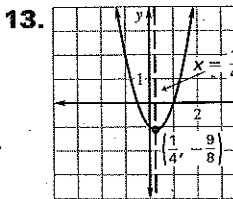
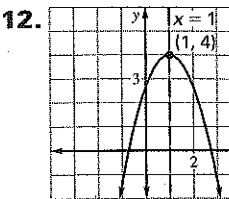
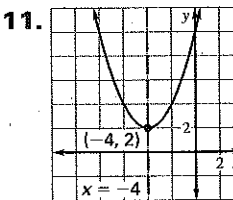
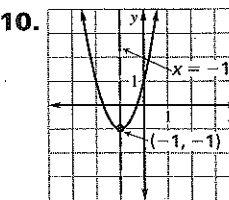
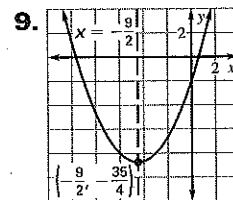
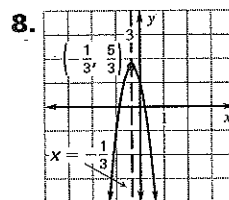
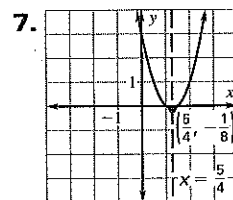
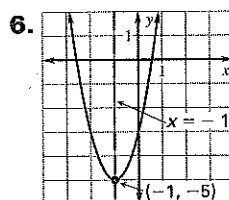
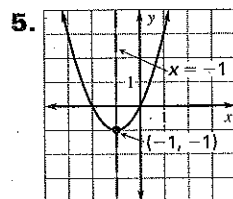
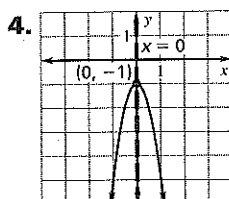
Lesson 4.1, continued



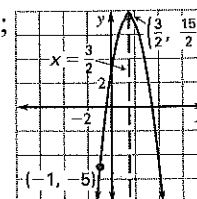
22. (12, 78); $x = 12$ 23. \$78 24. 12
25. $y = -200x^2 + 1200x + 11,000$ 26. \$160

Practice Level C

1. B 2. C 3. A

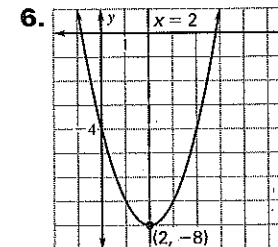
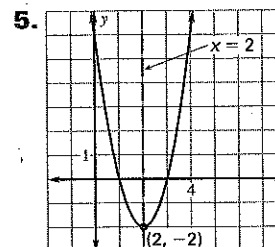
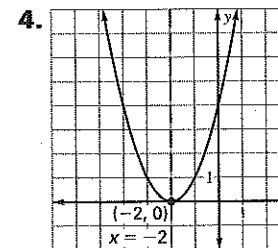
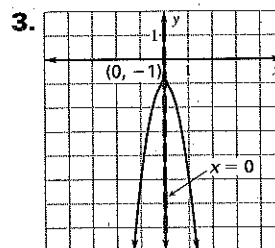
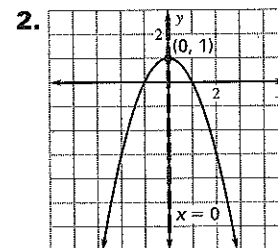
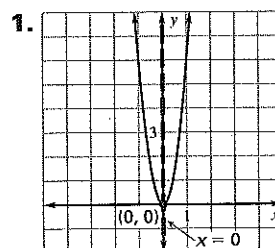


16. As a decreases the graph becomes wider.
17. $a = -2$, $b = 6$, $c = 3$;



18. $y = -0.1x^2 + 0.9x + 16.2$ 19. Yes, the store should raise the price of bubble gum to maximize revenue. Even though the store will sell less packs, the increased price will more than make up the difference.

Study Guide



7. minimum value; -11 8. maximum value; 1
9. maximum value; -8